

ABSTRACT**A METHOD FOR CELL SWITCHING IN WIRELESS COMMUNICATION SYSTEMS**

A method for switching cells by a mobile equipment of a communication system. The
5 mobile transmits a signal coded with a spreading code indicating the mobile's intent to switch
cells and the coded information also identifies to which cell the mobile wants to switch. The
coded information contains channel measurement adjustment information that is continuously
transmitted to the cell which is currently serving the mobile. The flow of channel
measurement adjustment information is therefore not disturbed by the application of the
10 method of the present invention. Because the coded information identifies the target cell and
indicates the mobile's intent to perform a cell switching procedure, the amount of processing
done by the cells is significantly reduced thus increasing the likelihood of a successful
switching procedure.

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